

07065495 JACKS FORK AT ALLEY SPRING, MO--Continued
(National water-quality assessment station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. (CUBIC FEET PER SECOND) (000061)	TEMPER-ATURE, WATER (DEG C) (000010)	SPE-CIFIC CON-DUCT-ANCE (µS/cm) (000095)	PH, WATER WHOLE, FIELD (STAND-ARD UNITS) (00400)	OXYGEN, DIS-SOLVED (mg/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 µm-MF (COLS./100 mL) (31625)	E. COLI, WATER WHOLE, TOTAL UREASE (COLS./100 mL) (31633)	STREP-TOCOCCI, FECAL, KF AGAR (COLS. PER 100 mL) (31673)	ALKA-LINITY, WAT DIS TOT IT FIELD (mg/L as CaCO ₃) (39086)	BICAR-BONATE WATER DIS IT FIELD (mg/L as HCO ₃) (00453)	
NOV 29...	1230	64	5.0	354	8.3	12.3	94	K1	K2	K5	182	222	
FEB 06...	1100	111	3.5	301	8.2	7.8	57	<1	<1	K1	171	209	
MAY 14...	1030	716	11.5	238	8.2	10.5	95	K69	69	74	122	148	
AUG 21...	1030	95	22.0	323	8.1	8.3	94	K5	K6	54	166	202	
DATE		CAR-BONATE, WATER DIS IT FIELD (mg/L as CO ₃) (00452)	NITRO-GEN, NO ₂ +NO ₃ DIS-SOLVED (mg/L as N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (mg/L as N) (00613)	NITRO-GEN, AMMONIA DIS-SOLVED (mg/L as N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (mg/L as N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (mg/L as N) (00623)	PHOS-PHORUS, DIS-SOLVED (mg/L as P) (00665)	PHOS-PHORUS, DIS-SOLVED (mg/L as P) (00666)	PHOS-PHORUS, ORTHO, DIS-SOLVED (mg/L as P) (00671)	HARD-NESS, TOTAL (mg/L as CaCO ₃) (00900)	CALCIUM, DIS-SOLVED (mg/L as Ca) (00915)	MAGNE-SIUM, DIS-SOLVED (mg/L as Mg) (00925)
NOV 29...	0	0.070	<0.010	<0.015	<0.20	<0.20	<0.010	<0.010	<0.010	<0.010	190	36	24
FEB 06...	0	0.320	<0.010	<0.015	<0.20	<0.20	<0.010	<0.010	<0.010	<0.010	160	33	20
MAY 14...	0	0.180	<0.010	<0.015	<0.20	<0.20	<0.010	0.010	<0.010	<0.010	120	25	14
AUG 21...	0	0.110	<0.010	0.020	<0.20	<0.20	<0.010	<0.010	<0.010	<0.010	170	34	21
DATE		SODIUM, DIS-SOLVED (mg/L as Na) (00930)	POTAS-SIUM, DIS-SOLVED (mg/L as K) (00935)	SULFATE DIS-SOLVED (mg/L as SO ₄) (00945)	CHLO-RIDE, DIS-SOLVED (mg/L as Cl) (00940)	FLUO-RIDE, DIS-SOLVED (mg/L as F) (00950)	SILICA, DIS-SOLVED (mg/L as SiO ₂) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (mg/L) (70300)	SEDI-MENT, SUS-PENDED (mg/L) (80154)	IRON, DIS-SOLVED (µg/L as Fe) (01046)	MANGA-NESE, DIS-SOLVED (µg/L as Mn) (01056)	CARBON, ORGANIC DIS-SOLVED (mg/L as C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (mg/L as C) (00689)
NOV 29...	1.3	0.90	2.5	1.7	<0.10	6.2	176	28	<3.0	<1.0	0.40	0.20	
FEB 06...	1.3	0.80	3.8	2.5	<0.10	5.5	154	19	<3.0	<1.0	0.60	0.10	
MAY 14...	1.1	1.2	3.2	1.6	<0.10	7.4	129	20	3.0	3.0	1.2	0.20	
AUG 21...	1.2	1.2	2.6	1.9	<0.10	9.1	169	26	<3.0	2.0	0.80	0.20	

K--Results based on colony count outside the acceptable range (non-ideal colony count).